EBS Effluent Discharge, River DO, and ASB Health Data Summary

DRAFT as of 8/31/11 @ 1030

Date **30-Aug**

Effluent Samples - West Weir

Sample Time	pH	Conductivity	DO	TSS	COD	BOD_1	BOD_5	DOUR	Maturity Index
		uS/cm	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l/hr	
0700	No Discharge								
1132	8.33	3302	0.49	65	902	38	Pending	4.5	1.13
1530	8.33	3392	3.88*	145	919				
1846	8.50	3479	0.56	150	894	Pending	Pending		

ıple was collected at 1200 AM *Possible incorrect entry. Will check.

River Samples

Dissolved Oxygen, mg/l

Dissolved Oxygen, mg/l	Upstream	Outfall	Richardson Landing	Walnut Bluff	Pool's Bluff	Max Model Sag	River Split	Waikiah	Crawford Landing
First Run	5.88	No Discharge						4.59	
Second Run	N/S*	6.42	6.63	6.77	6.86	6.39	6.29	5.90	6.24
Third Run	8.03	7.73	7.50	7.79	7.84	8.75	8.68	7.15	7.09
Fourth Run	7.74	7.47	7.61	7.76	7.69	8.94	8.82	7.69	8.13

Value is midPoint value for transect *Second run started at Discharge location

Conductivity, uS/cm

Conductivity, uS/cm	Upstream	Outfall	Richardson Landing	Walnut Bluff	Pool's Bluff	Max Model Sag	River Split	Waikiah	Crawford Landing
First Run	No Discharge								
Second Run	65	66	65	65	65				107
Third Run	66	82	79	65	65				108
Fourth Run	66	86	76	65	64				107

Value is midPoint value for transect

pH, SU

pH	Upstream	Outfall	Richardson Landing	Walnut Bluff	Pool's Bluff	Max Model Sag	River Split	Waikiah	Crawford Landing
First Run	No Discharge								
Second Run	7.46	7.25	7.29	7.69	7.42				7.35
Third Run	7.85	7.52	7.51	7.64	7.57				7.32
Fourth Run	7.71	7.58	7.48	7.69	7.45				7.73

Value is midPoint value for transect

Mid ASB

Time	pH	Conductivity	DO mg/l	COD	NH_3 - N	o-PO_4	DOUR	Maturity Index
11:32 AM	8.63	3193	5.68	898	2.08	3.2	1.4	1.75